

Flowcharted C code

```

set(#include <stdio.h> );//
input(void main() { );//
set(int i=10; );//
loop(while( i -- ) { );//
process(printf("Hello World!\\n"); );//
lend( } );//
end( } //end main() );//
  
```

FSML 'flowcode' representation of the C code, using set, input, loop, process, and lend tags to structure the code blocks.

FSML 'flowcode'

```

<set>#include <stdio.h> </set>
<input>void main() { </input>
<set>int i=10; </set>
<loop>while( i -- ) </loop>
<process>printf("Hello World!\\n");</process>
<lend> } </lend>
<end> } //end main() </end>
  
```

XML compliant FSML 'flowcode' representation, using XML-style tags like `<set>`, `<input>`, `<loop>`, `<process>`, `<lend>`, and `<end>`.

XML compliant FSML 'flowcode'

```

#include <stdio.h>
void main() {
    int i=10;
    while( i -- ) {
        printf("Hello World!\\n");
    }
} //end main()
  
```

'C' code representation, which is the standard C source code for the program.

'C' code

Fig. 1

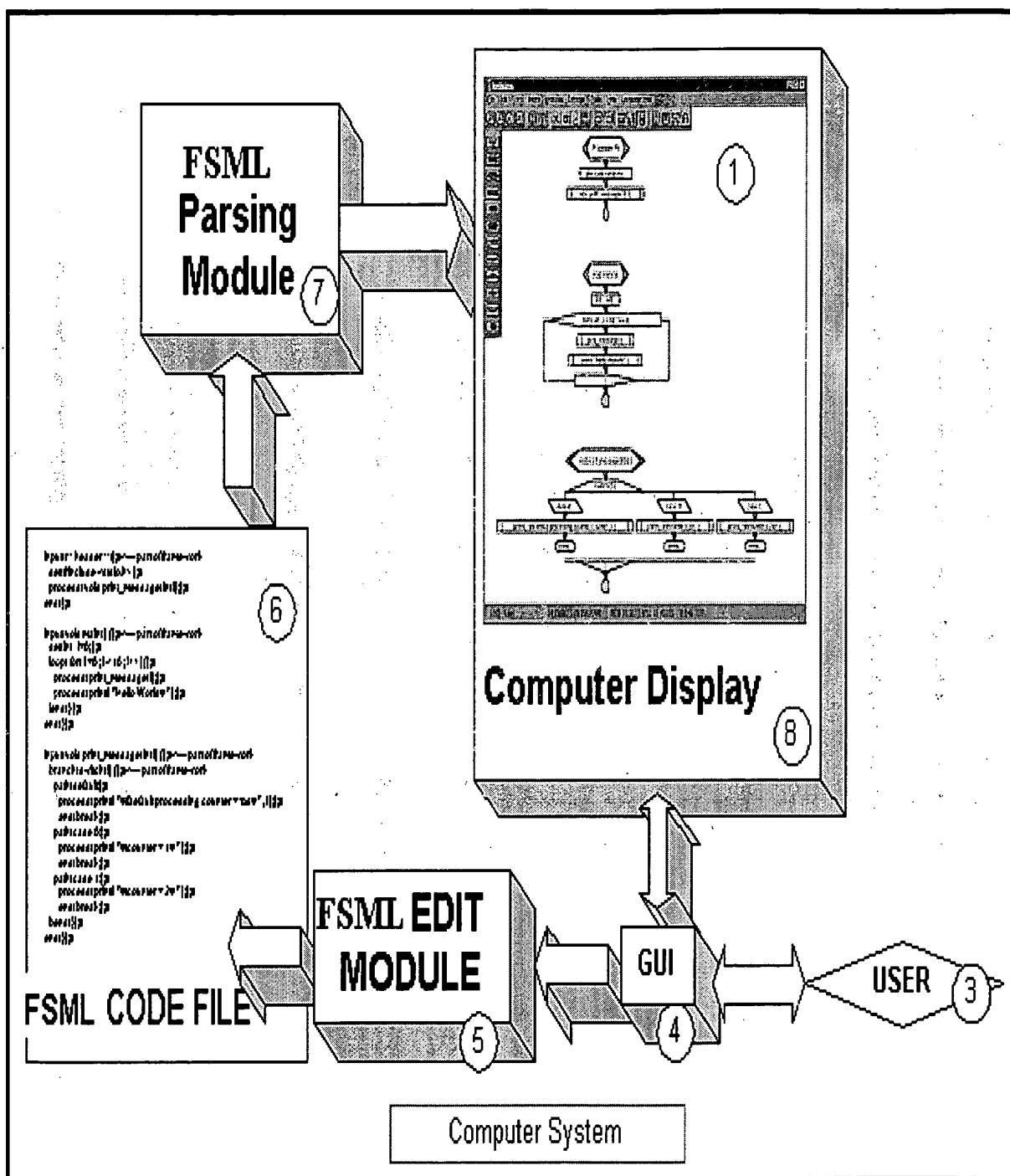


Fig. 2.

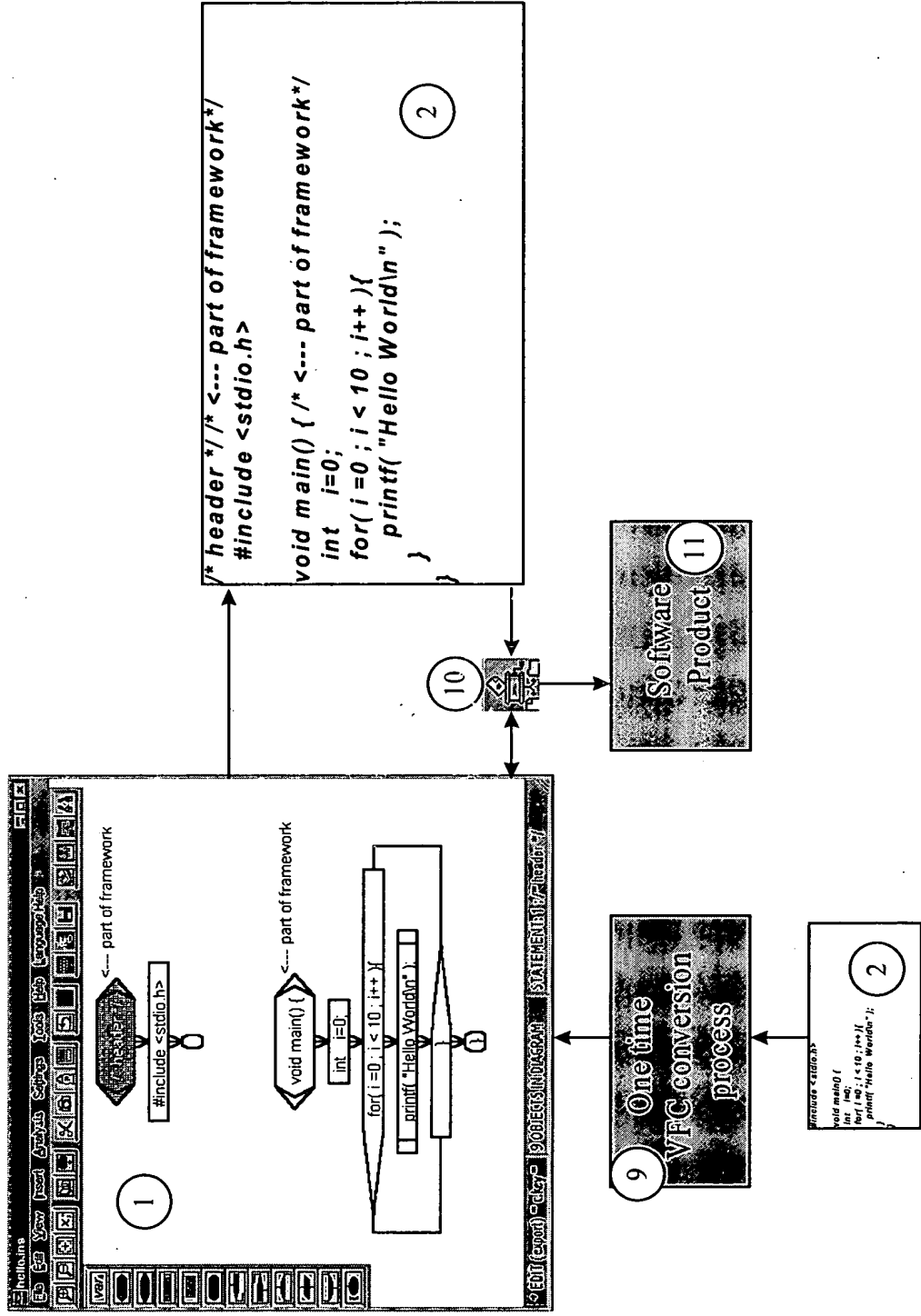


Fig. 3

100120 00023260

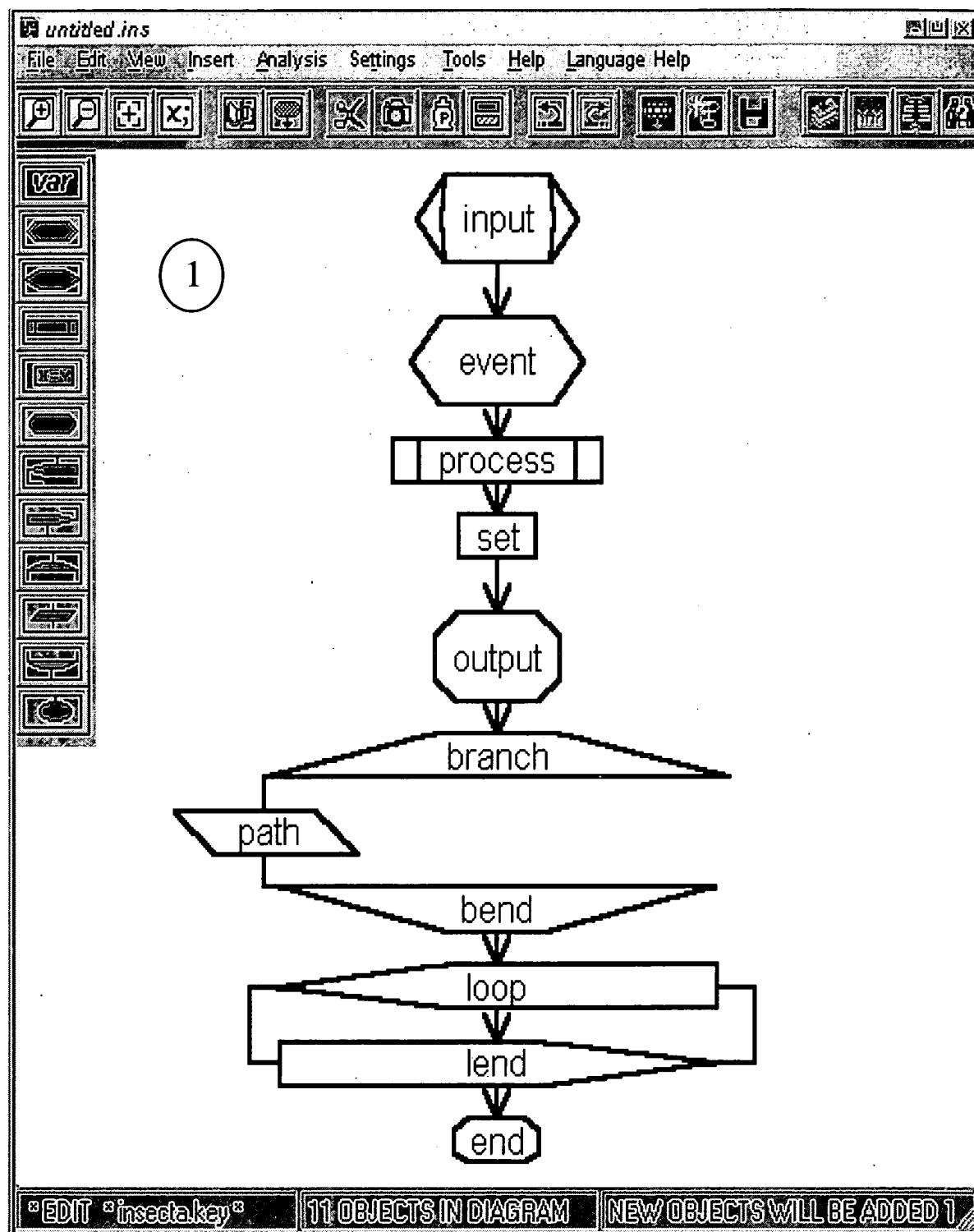


Fig. 4